



HI-Q

THE LAKEHEAD AMATEUR RADIO CLUB JOURNAL

LARC- Suite 184, 1100C Memorial Ave., Thunder Bay, Ontario, Canada, P7B 4A3

VE3FW - LARC call sign - honours the memory of the Founding President, P. J. "Pat" O'Shea

LARC SENATE

Keith Fiske	VE3JQ
Ray Forslund	VE3EDZ
Ray Greer	VE3CH
Dave Kimpton	VE3AVS
Bill Kemacki	VE3AJ
Bill Roberts	VE3ARN

LARC EXECUTIVE

President:	Bob Hansen	VE3RVA 767-6924
Vice-Pres:	Mark Vaillant	VA3MVR 935-2205
Secretary:	Judy Artist	VA3EAP 345-2218
Treasurer:	Jan Sokoloski	VA3JRS 344-3222
Directors:	Ed Baumann	VE3SNW 622-1216
	Andy Malcolm	VE3INI 345-1858
	Maureen Meredith	VA3MOB 344-7868
	Pat Pugh	VA3PP 345-8562
Past Pres:	Ian Mellis	VA3RIM 577-1628

LARC OPEN ACCESS REPEATERS

VE3YQT	MOUNT BALDY	147.06	(-600)	FP
VE3TBR	ST. JOSEPH'S	146.850	(-600)	FP
VE3BGA	HILLCREST H.S.	147.390	(+600)	FP
VE3TBB	UPSALA ONT.	145.470	(-600)	FP
(linked to VE3YQT)				

THE PREZ SEZ

As the year 2000 draws to a close, the past two meetings of my presidency were a success, thanks to the members that came out, and to Fred, **VE3FAL** and Bill, **VE3XT** who put on a demonstration of QRP radio.

Congratulations to the new Vice President, Mark Vaillant, **VE3MVR**. Thanks goes to those members who organized and took part in public service events which keeps LARC in the public eye. I also want to thank the technical and committee members and HI-Q Editor for a job well done. This club could not run without your support.

Ed VE3SNW will be starting ham classes on January 18/2001. Please support Ed as he endeavours to teach new amateur radio operators.

Plans for the February dinner meeting are well underway. A guest speaker has been arranged and the dinner will again be held at the **Slovak Legion, Saturday, February 10/2001**. Tickets will be \$22 per person and should be available at the December 14 Christmas meeting at Boston Pizza.

Finally, on behalf of the Executive, I wish all members and their families a Merry Christmas and a Happy New Year.

Notice to members from Bob VE3RVA

I will be asking for door prize donations for the Annual Dinner Meeting February 10/2001. Any members wishing to assist or donate may contact me by landline at 767-6924. I will gladly come by and pick them up.

I will also be looking for suggestions for the club meetings that are going to be held in January, March, April, May and June of next year. If you have any ideas or suggestions or would like to do a presentation for the club, please get in touch with me (767-6924) or anyone on the Executive. Thanks.

From south of the border.....

The Grand Marais repeater on 147.360 MHz is up and running but you'll need a sub-audible tone of 114.8 Hz to bring it up (Tks Harry...VA3BNO)

From the Internet.....

The following sites have been passed along and they may be of interest to some of us:

www.qsl.net/k7qo nice site for many items of interest to amateur radio enthusiasts, also some very good photographs (Tks Wayne VA3WR)

www.go2call.com/ Make free telephone calls via the nethaven't tried it but supposedly works well (Tks Bob VE3BHN)

www.eqsl.org//qslcard/index.cfm ...neat site provides electronic QSL card service to amateurs (Tks someone for forwarding this.....)

www.radioworld.ca/ham/yaesu/yaesuuhf.htm#ft817 get a load of this neat little qrp rig....(tks VE3FAL)

The following was submitted by our Treasurer, Jan, VA3JRS, at our previous meeting:

Lakehead Amateur Radio Club Proposed Budget 2000-2001

Operating:

INCOME CATEGORIES:

50/50	130.00
Memberships	2600.00
Student Fees	200.00
Donations	200.00
Misc.	200.00
TOTAL INCOME	3330.00

EXPENSE CATEGORIES:

Administration	175.00
Bank Charges	10.00
Classes	250.00
Hi-Q	500.00
Insurance	625.32
Phone	700.00
Maintenance	600.00
Donations	150.00
Misc.	200.00
Ares	100.00
TOTAL EXPENSES	3310.32

DIFFERENCE 19.68

CAPITAL

Banner	300.00
Repeaters	2500.00
Total	3000.00

LARC 2000-2001 MEMBERSHIP (89 members)

VA3AMY	AL SOKOLOSKI	VE7TBD	TOM DUFAULT
VA3BEL	VIC BEL	VE3FAL	FRED LESNICK
VA3BRN	GERALD BURNEY	VE3FLB	ROB VANWYCK
VA3DVE	DAVE HORNE	VE3GTx	JOHN WATSON
VA3EAP	JUDY ARTIST	VE3GWT	GARRY MICHALUK
VA3GOT	RANDY GOTTFRED	VE3HZW	MIKE WOLOWICH
VA3IOU	ALAN PARNELL	VE3ICY	GLEN WALLACE
VA3JMS	JOHN SACEK	VE3INI	ANDY MALCOLM
VA3JRS	JAN SOKOLOSKI	VE3JQ	KEITH FISKE
VA3KI	BILL MATTHEWS	VE3KRH	STEVE ROBB
VA3KSP	KEITH PARIS	VE3KRI	DEBBIE ROBB
VA3LEX	LEXANNE HATCH	VE3KVJ	KEN WRIGHT
VA3LGE	LARRY GERMANIUK	VE3LMI	ROBERT SHAW
VA3MJG	JOHN GRATZ	VE3LMM	WILLIAM ASTLE
VA3MOB	MAUREEN MEREDITH	VE3LMV	WILLIAM WAINIO
VA3MVR	MARK VAILLANT	VE3MAJ	ROBERT BARKER
VA3NES	WILLIAM BELL	VE3MJG	MARION GROVE
VA3NST	DENISE MAGILL	VE3MJN	MARION NAWROCKI
VA3PP	PAT PUGH	VE3MPT	MANUEL MIGUEIS
VA3PRD	ROGER PALAHNUK	VE3MXJ	BRAD HARRIS
VA3RIM	IAN MELLIS	VE3NCN	JOAN KLEMACKI
VA3RKN	GERRY WHITE	VE3NHX	LINDO SCALESE
VA3ROM	ROBERT MAZUR	VE3NPS	NESTOR PROCUP
VA3SCM	SIMON MALCOLM	VE3OPF	AXEL REHFUHS
VA3TBA	CHRIS CHADWICK	VE3OPI	RICHARD BARRY
VA3TFS	TERRY SAUNDERS	VE3OTK	KELLY JORDAN
VA3WGD	WALLY DAVENPORT	VE3OTZ	FRANK PIANKA
WA3WRL	WAYNE LETANG	VE3PD	PAT DOHERTY
VA2XRM	ROD MACLEOD	VE3RMM	RYAN MOORE
VE3AFF	CLIFF GROVE	VE3RVA	ROBERT HANSEN
VE3AJ	BILL KLEMACKI	VE3SLY	PRIMO SCALZO
VE3AKW	RALPH MCINTYRE	VE3TRE	GWEN REHFUHS
VE3ARN	BILL ROBERTS	VE3UDY	JUDY PIANKA
VE3AVS	DAVE KIMPTON	VE3VER	VERNA BEL
VE3BHN	BOB GILLESPIE	VE3VGV	MARTIN CHEREDARYK
VE3BOG	JOHN BOGGETT	VE3VUK	MARK VUKOVICH
VE3CAP	DON WRIGHT	VE3WCW	CLARENCE CONDIN
VE3CH	RAY GREER	VE3WF	JOHN HASTIE
VE3CLV	CODY VAILLANT	VE3WRZ	DAVID ROSS
VE3DDZ	DOLORES FISKE	VE3XET	ERIC TODD
VE3DWP	DAN DARLING	VE3XLB	LINDA BELL
VE3EDA	JIM SYMONIK	VE3XRC	NORMAN BELL
VE3ED	MIKE SKILLEN	VE3XT	BILL UNGER
VE3EDZ	RAY FORSLUND	VE3YTB	TOM PORETT
		VE3ZG	MIKE NAWROCKI

Down Memory Lane.....

December 1971..... HIGH-Q edited by Bill (then **VE3EEW**) who also wore the hat of Secretary/Treasurer. Bill (then **VE3EFC**) displayed his homebrew receiver at **VE3ZCD** (the old club/EMO station in the EMO building). Vic (then **VE3ECV**) held the high office. Jim **VE3EDC** had done very well in the CQWW contest with 1167 QSO's in 175 countries and 83 zones (could you match that today, Jim??).

The new "Admiral of the Great Lakes Award" was described with possible endorsements for a "Five Star Admiral" award. Our HF bands were being threatened with shrinkage at a time when satellite communications was just getting off the ground (no pun intended!). The Dept. of Transport (then the regulatory body) abolished the minimum age of 15 for an amateur license.

There were sixteen full members with four life members, and seventeen associate members (one of whom was Phil, now **VE3AXL**). Stan **VE3ECR** became "well grounded" while repairing his 80 meter dipole – he fell from his roof and broke an arm!!!

Two meter DX was in its infancy – **WA8OIK** in Hancock was worked by **VE3's AJ** (Frank), **EDZ**, **EEW** and **EFL**. Confederation College had the call sign **VE3GOP** with Don, **VE3EDT**, as licensee. Frank, **VE3AJ**, was selling a 2 meter converter using 6CW4's. Vic **VE3ECV** was awaiting Hydro to install a pole so he could erect his quad antenna. Amateurs were becoming more self-regulating with the appointments of Official Observers.

(This has been a rather long look down memory lane....but your editor feels it is important to keep in touch with our roots.....73 es Merry Christmas and a Happy New Year to all.....ve3avs)

RAC On-air events.....

Nov. 25 – 26 CQ Worldwide DX Contest CW

Nov. 28 - 2000 6m Activity Contest

Dec. 1 – 3 ARRL 160 meter Contest

Dec. 2 – 3 TARA RTTY Sprint

Dec. 2 – 3 TOPS Activity 3.5 MHz CW Contest

Dec. 3 - QRP ARCI Holiday Spirits Sprint

Nov. 24 – Dec. 23 NOTE: The call sign **VC4X** has been authorized to celebrate the 75th anniversary of the International Amateur Radio Union.

Other RAC News.....

Robin Haighton **VE3FRH** is the new President of AMSAT of North America. He has been licensed since 1974 and held the call **GD4INU**, and is an electrical engineer by profession.

The Ontario Section newsletter announced that amateur radio's first permanent foothold in space is expected to debut when the all-ham Expedition 1 crew arrives aboard the International Space Station.

KD5GSL and **U5MIR** will have VHF and UHF hand-held transceivers as well as a packet TNC on board. On arrival they will remain on board for a scheduled four months. Frequencies are as follows:

Worldwide downlink packet/voice 145.80 MHz

Worldwide packet uplink on 145.99 MHz

Region 2 (that's us) voice uplink 144.49 MHz. The operating schedule (at time of printing) had not been established. For more information visit:

<http://ariss.gsfc.nasa.gov>



OCTOBER QRP PRESENTATION – BILL VE3XT (CENTER LEFT) AND FRED, VE3FAL (CENTER RIGHT)
(photo courtesy Andy VE3IMI)

LARC ANNUAL CHRISTMAS MEETING

THURSDAY DECEMBER 14TH 1930 HOURS

BOSTON PIZZA (WEST ARTHUR ST. LOCATION)

BE THERE FOR THE TIME OF YOUR LIFE !!!

(With thanks to ARNS July 2000....Ed.)

QRP Field Day...the rest of the story...

I guess the last word that can be said about Field Day (or any contest for that matter) is how well the station performed compared to other stations.

Well, **VE3FW/3** did not forward any results for inclusion in HI-Q. But **VE3FAL/3** did and the results as follows were gleaned and edited from QST.

VE3FAL/3 came 10th out of 18 in North America in their category (two operator, battery powered) operating all digital mode (cw of course!). The top station scored 6802 points with 2138 QSO's while the 18th and bottom station scored 242 points on only 21 QSO's. With 1620 points earned on 132 QSO's, **VE3FAL/3** did very well for the first time operating QRP Field Day!

A Brain Teaser.....

Here's a puzzler for all you electrical types. In a basement there are **THREE** light switches in the **OFF** position. Each switch controls **ONE** of **THREE** light bulbs on the floor above. You may move any of the switches **BUT** you may only go upstairs to inspect the bulbs **one time**. How can you determine the switch for each bulb with **only one trip upstairs???**
(Answer next year.....Ed.)

This'n that.....

Many of us guys get dragged into Christmas "shopping" at Walmart this time of year. Feel bored? Try these tricks to liven things up....

- make a trail of orange juice on the floor leading into the bathrooms
- randomly distribute boxes of condoms into other person's shopping carts when they're not looking
- stand in front of the security camera and pick your nose

What is amateur radio.....

Well, it's many different things to many different people. To some it's a way to contact others of like mind and interests from all over the world.

Some of us see it as a social hobby, where friends can talk on the air and gather for a meal or coffee. To others, it's a hobby filled with different facets, like a crystal, each of which can be studied, learned and understood.

To some amateurs, it's an opportunity to teach others what they themselves have already mastered. For others, it's the chance to obtain the most sophisticated toys in the world and interconnect them like an intricate and unique electronic erector set.

Some see it as the conquering of a challenge, whether it be the next level of examination or that complex piece of equipment. To others, it is a mystery of how things work, and the feeling of joy that comes with understanding. To some of us, it's a tool to serve our community and provide a service to others.

All of these different facets of our hobby are important, and no single one is more so than any other.

But most of all, amateur radio is about.....**PEOPLE!**

(Thanks to World Radio October 2000....Ed.)

Late breaking news from RAC....

The new Basic Question Bank has been issued. Questions contained in it will be used starting January 1, 2001. This new question bank can be downloaded from the Industry Canada website at:

<http://strategis.ic.gc.ca/SSG/sf01900e.html>

**Minutes of Meeting of the Lakehead Amateur Radio Club
held in Room 207B Confederation College
Thunder Bay, Ontario, November 9, 2000**

The meeting was called to order at 7:30 p.m. by the President **VE3RVA, Bob Hansen** with 34 members and guests in attendance. A round table took place with everyone in attendance introducing themselves.

Minutes of the Meeting held October 12, 2000

The minutes of the meeting held October 12, 2000 were published in detail in the October edition of "Hi-Q" and distributed to all members.

Motion: Moved by VA3JRS, Jan Sokoloski and seconded by VA3BRN, Gerry Burney that the minutes be accepted as distributed. **Carried.**

Correspondence

- letter from the CNIB asking for a donation in support of their Amateur Radio Program.

Motion: Moved by VA3JRS, Jan Sokoloski and seconded by VE3BHN, Bob Gillespie, that we leave this matter until next year. **Carried.**

Treasurer's Report - VA3JRS, Jan Sokoloski

Balance as of October 1, 2000			\$ 3278.07
Income	50/50 Draw	14.50	
	DONATION	10.00	
	Membership dues	<u>605.00</u>	629.50
Expenses	Hi-Q	49.29	
	Insurance	625.32	
	Phone	<u>40.37</u>	<u>714.98</u>
Balance as of October 31, 2000			\$ 3192.59

Motion: Moved by VA3JRS, Jan Sokoloski and seconded by VE3ICY, Glen Wallace that the Treasurer's Report be accepted. **Carried.**

Committee Reports

Equipment: VE3LU, Terry Stewardson reported that maintenance was done on the Upsula Repeater by himself, VA3RIM, Ian Mellis and VE3INI, Andy Malcolm.

ARES: VA3GOT, Randy Gottfred had the Callout Tree Lists for distribution and requested again that any changes of names, addresses, phones numbers or emails be reported to him so he can make up a final copy. Randy said to be prepared for a phone call, as members will be phoning to test the phone tree to see how well it works. VE3INI, Andy Malcolm was available to take pictures after the meeting for the ARES ID-cards.

Public Service: VE3XLB, Linda Bell reported the Christmas Parade, November 18th is all arranged.

VA3JRS, Jan Sokoloski and VA3AMY, Al Sokoloski volunteered to carry the LARC banner on the Sibley Ski Tour Float. VE3RVA, Bob Hansen volunteered for back-up.

Old Business

VE3FAL, Fred Lesnick reported on the "Jamboree on the Air". He said it went well; it was a great day with approximately 30 cubs and scouts making contacts as far away as Jamaica.

New Business

VA3JRS, Jan Sokoloski presented the LARC Proposed Budget for the year 2000/2001.

Motion: Moved by VA3JRS, Jan Sokoloski, seconded by VE3ICY, Glen Wallace the budget by accepted as read.
Carried.

Nominations for Vice-President

Nominations were put on the floor for Vice-President.

Elected - VA3MVR, Mark Vaillant

Dinner Meeting

VE3RVA, Bob Hansen reported on the Dinner Meeting to be held Saturday, February 10, 2001, at the Slovak Legion. The price for the dinner is \$22.00, **advanced sales only!** VE3SNW, Ed Baumann will have the tickets at the next meeting.

December Christmas Meeting

The meeting for December will be held at Boston Pizza on Arthur Street. Any ideas for entertainment will be appreciated.

Report on Dues

At the executive meeting held November 5th, 2000, it was decided that the dues will not be pro-rated.

Meetings in the New Year

VE3RVA, Bob Hansen is looking for guest speakers for meetings held in the new year, 2001. Please forward any suggestions to him.

VE3SNW, Ed Baumann will be started classes January 18th, 2001 and will run them for 12 weeks.

50/50 Draw: Winner of 50/50 draw was ME3MPt, Manuel Migueis.

Winners of Long Distance Telephone Cards - VE3RVA, Bob Hansen

VE3FAL, Fred Lesnick

VA3MVR, Mark Vaillant

Adjournment: Moved by VE3BHN, Bob Gillespie, seconded by VA3GOT meeting be adjourned.

Guest Speakers: VE3RVA Bob Hansen introduced our guest speakers, VE3FAL, Fred Lesnick and VE3XT, Bill Unger for their second presentation, Chapter Two of the **Little Thunder QRP Club**.

LARC ANNUAL FAMILY SKI NIGHT!!!

THURSDAY FEBRUARY 15TH 1900 HOURS TILL ???

KAMVIEW NORDIC SKI CENTER

ANY ERRORS OR OMISSIONS IN THE MEMBERSHIP LIST ON PAGE 3.....QSO JAN VA3JRS!!!